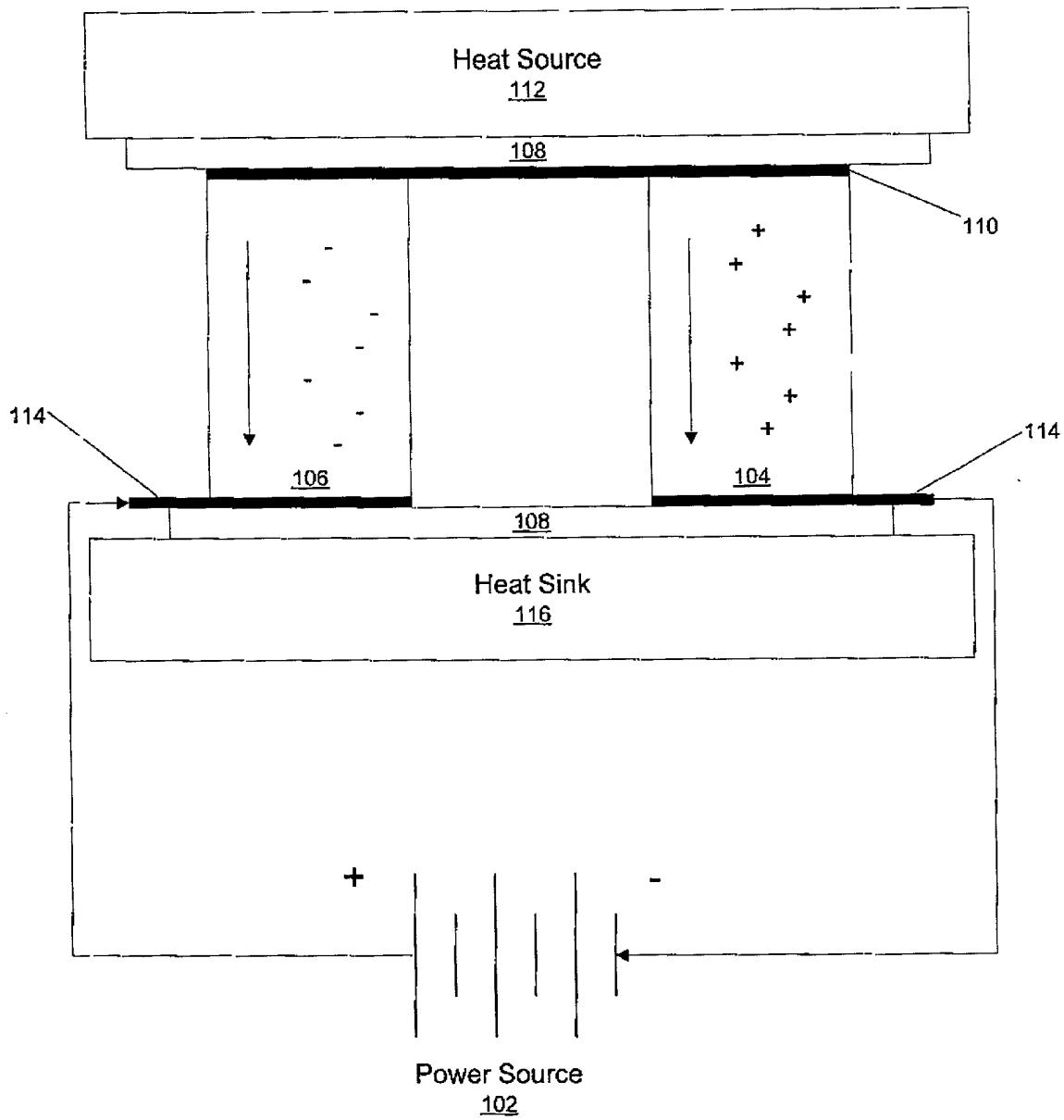
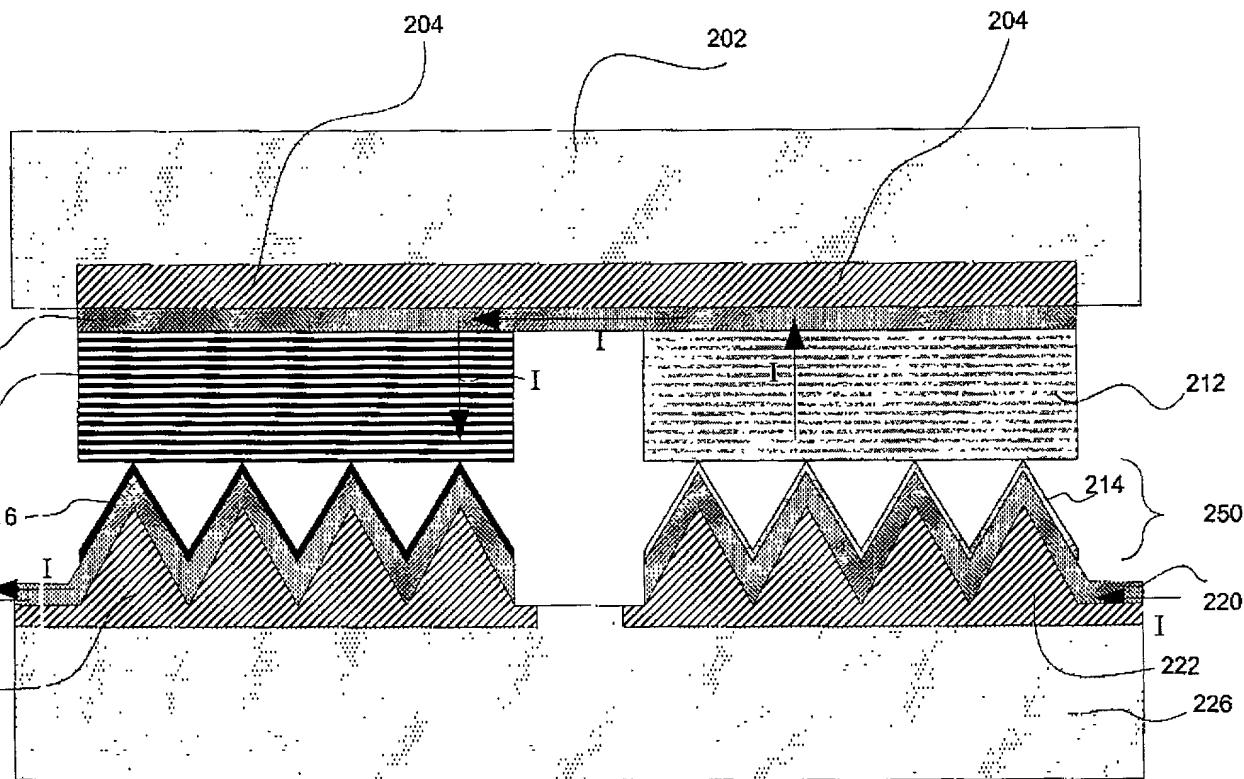


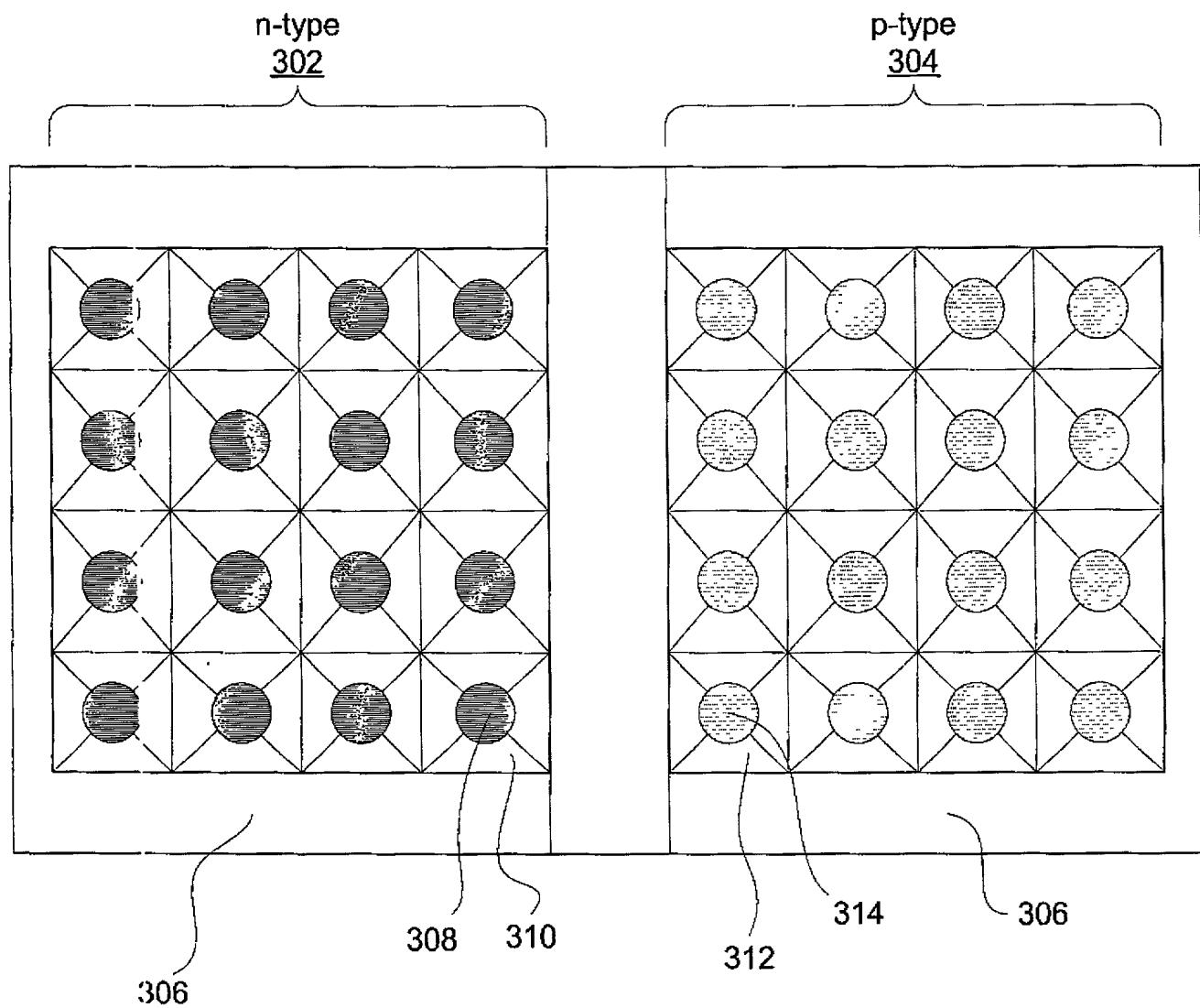
ET920197679US



100
Figure 1

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 1 of 19
(Prior Art)





300

Figure 3

Ghoshal

AUS920010314US1

Integrated Quantum Cold Point Coolers

Page 3 of 19

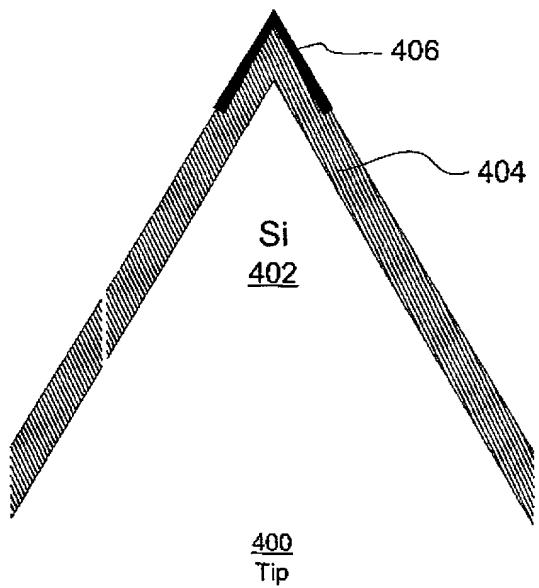


Figure 4A

AUS920010314US1

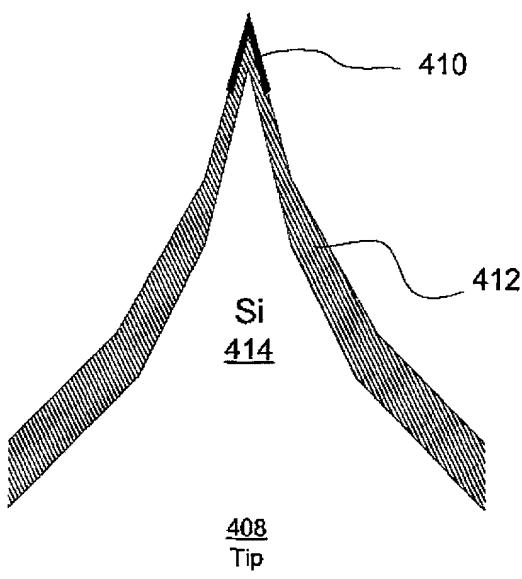


Figure 4B

AUS920020314US1

Figure 4

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 4 of 19

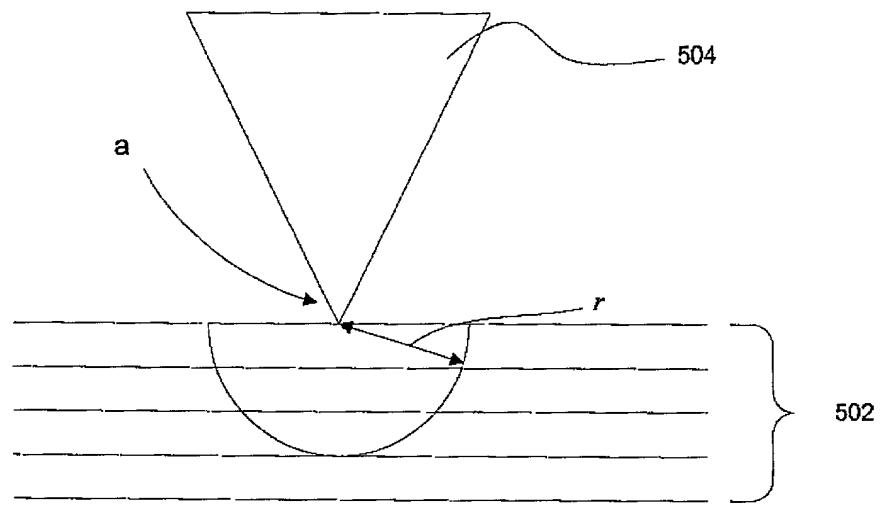
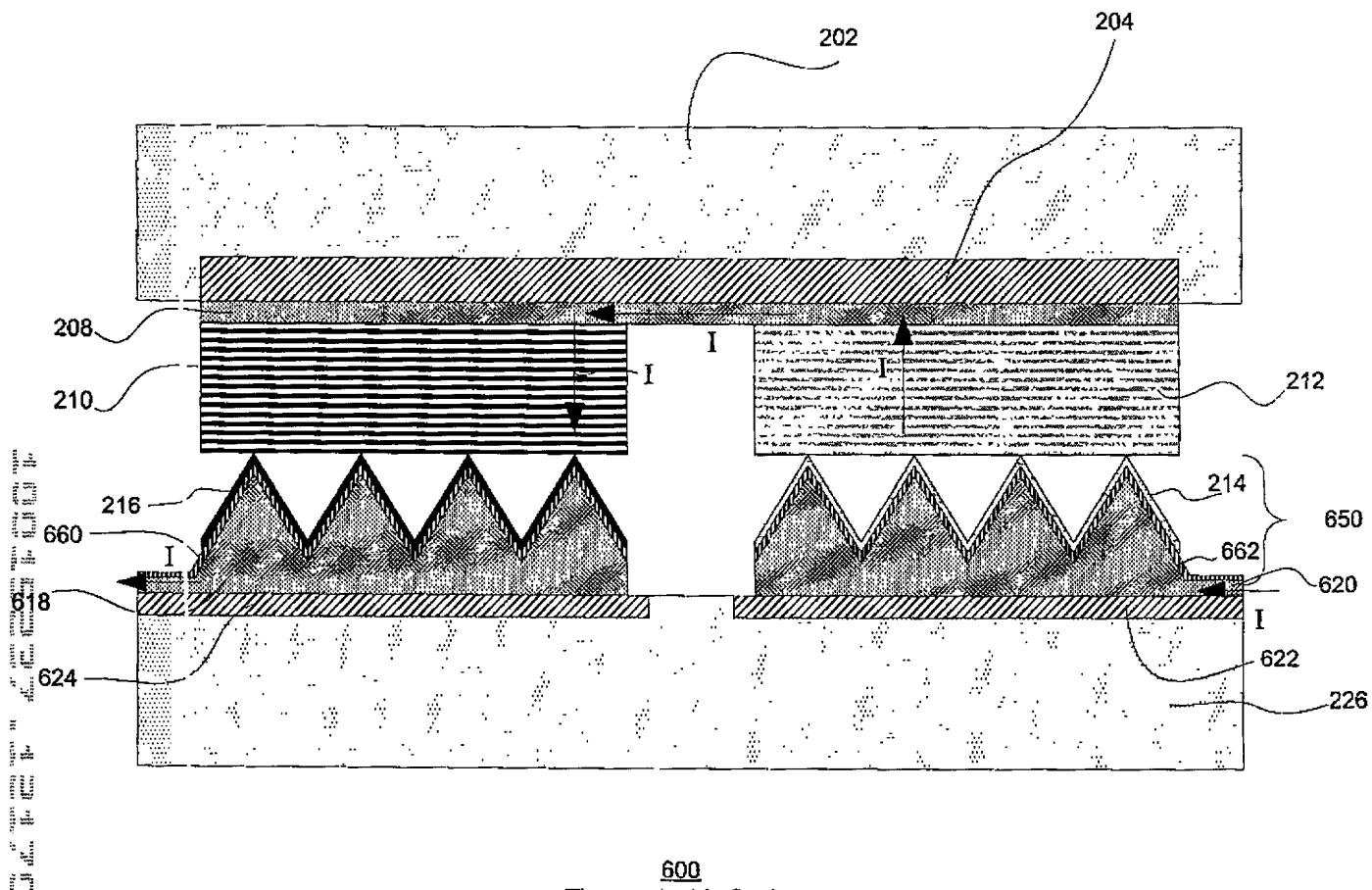


Figure 5

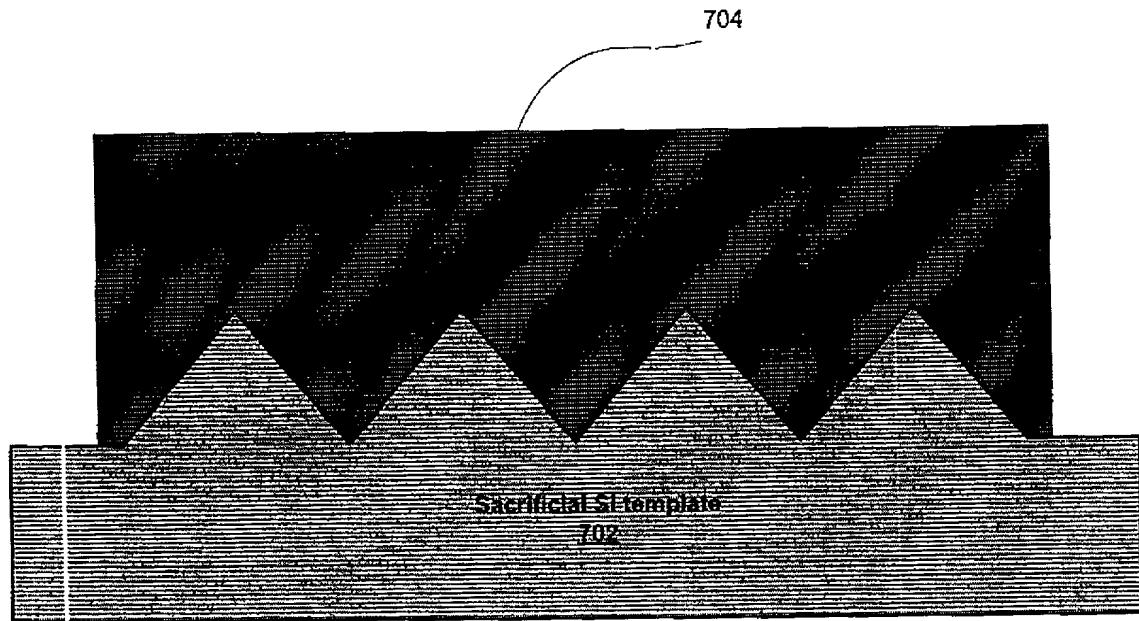
Ghoshal
AUS920010314US1
Integrated Quantum Cold Point
Coolers
Page 5 of 19



600
Thermoelectric Cooler

Figure 6

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 6 of 19



Inverse Templates

Figure 7

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 7 of 19

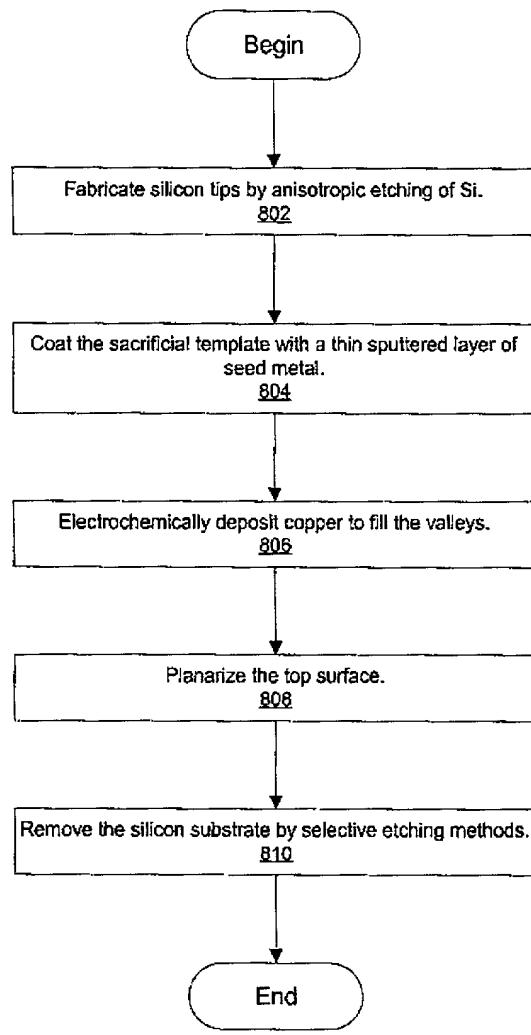
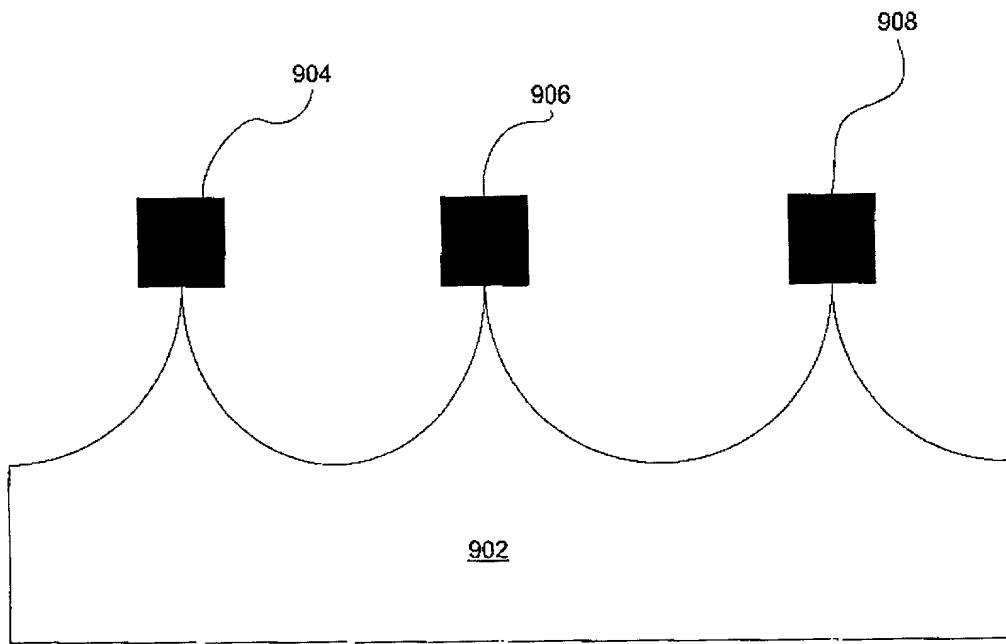


Figure 8

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 8 of 19



Electrochemical etching of patterned copper

Figure 9

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 9 of 19

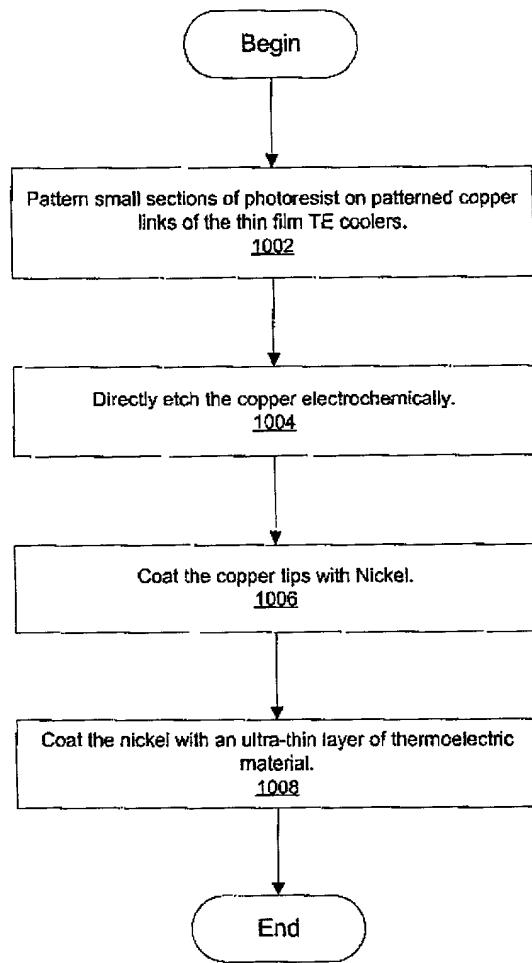


Figure 10

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 10 of 19

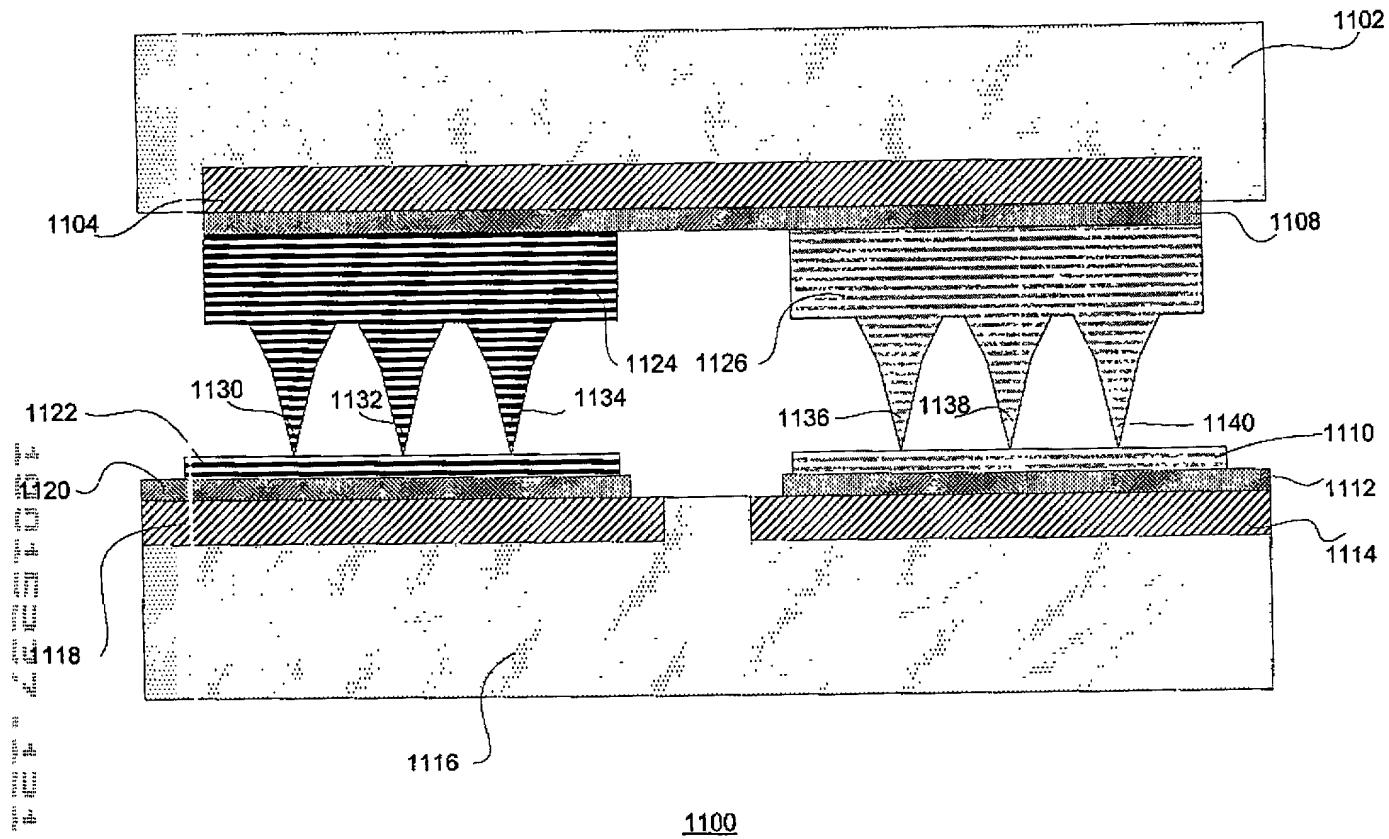


Figure 11
Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 11 of 19

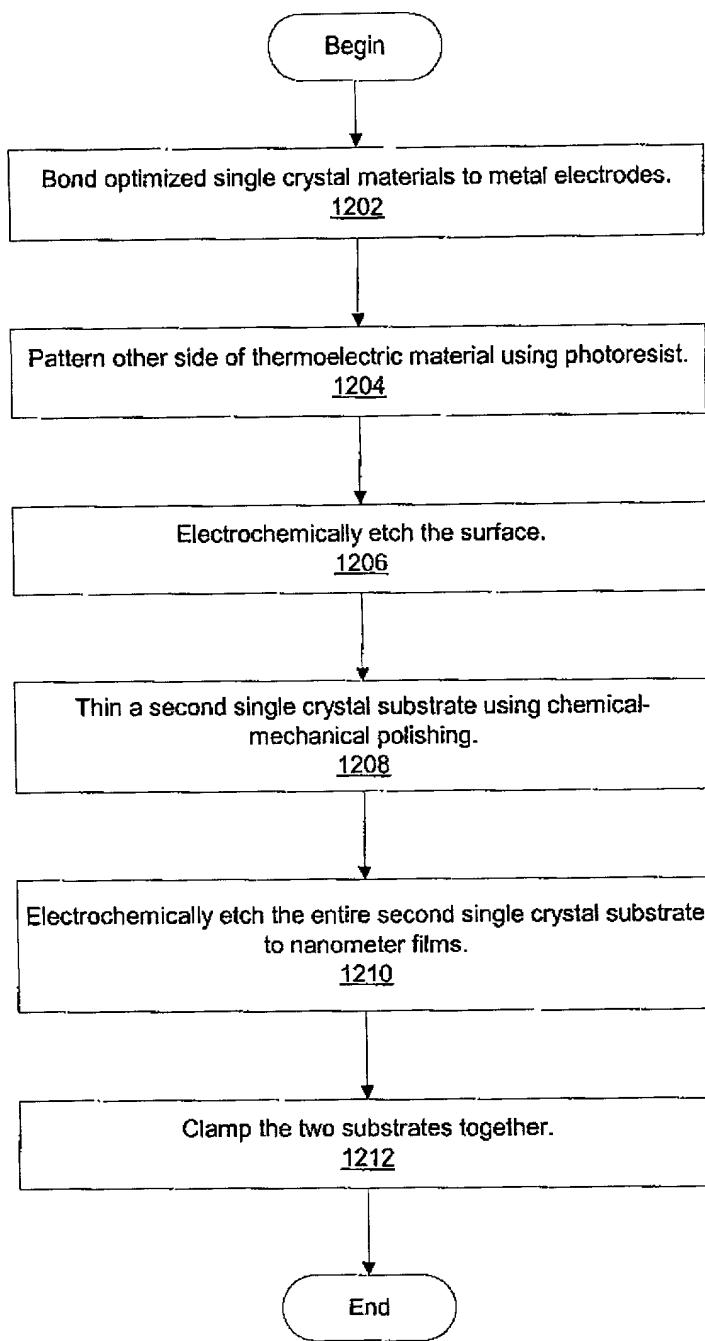


Figure 12

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point
Coolers
Page 12 of 19

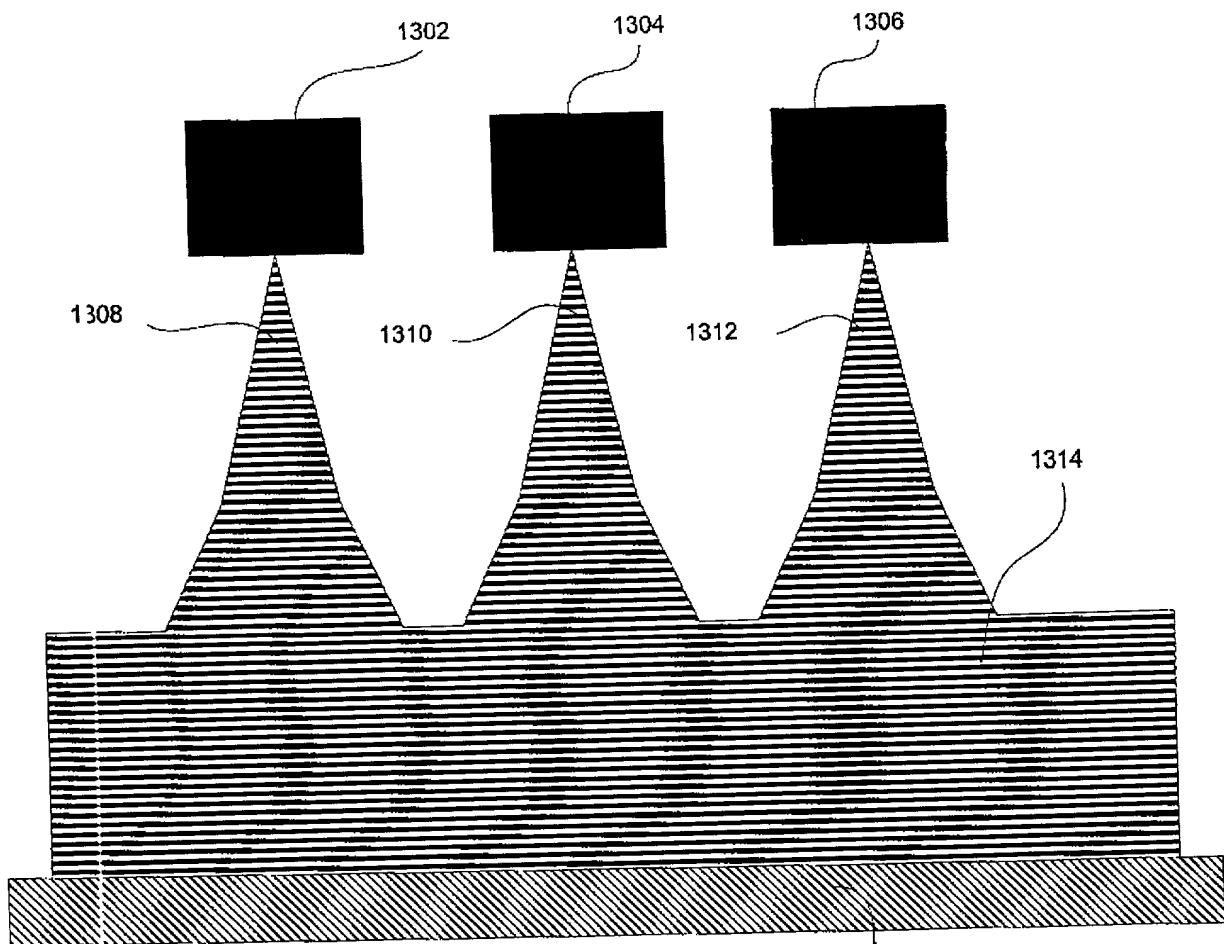


Figure 13

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 13 of 19

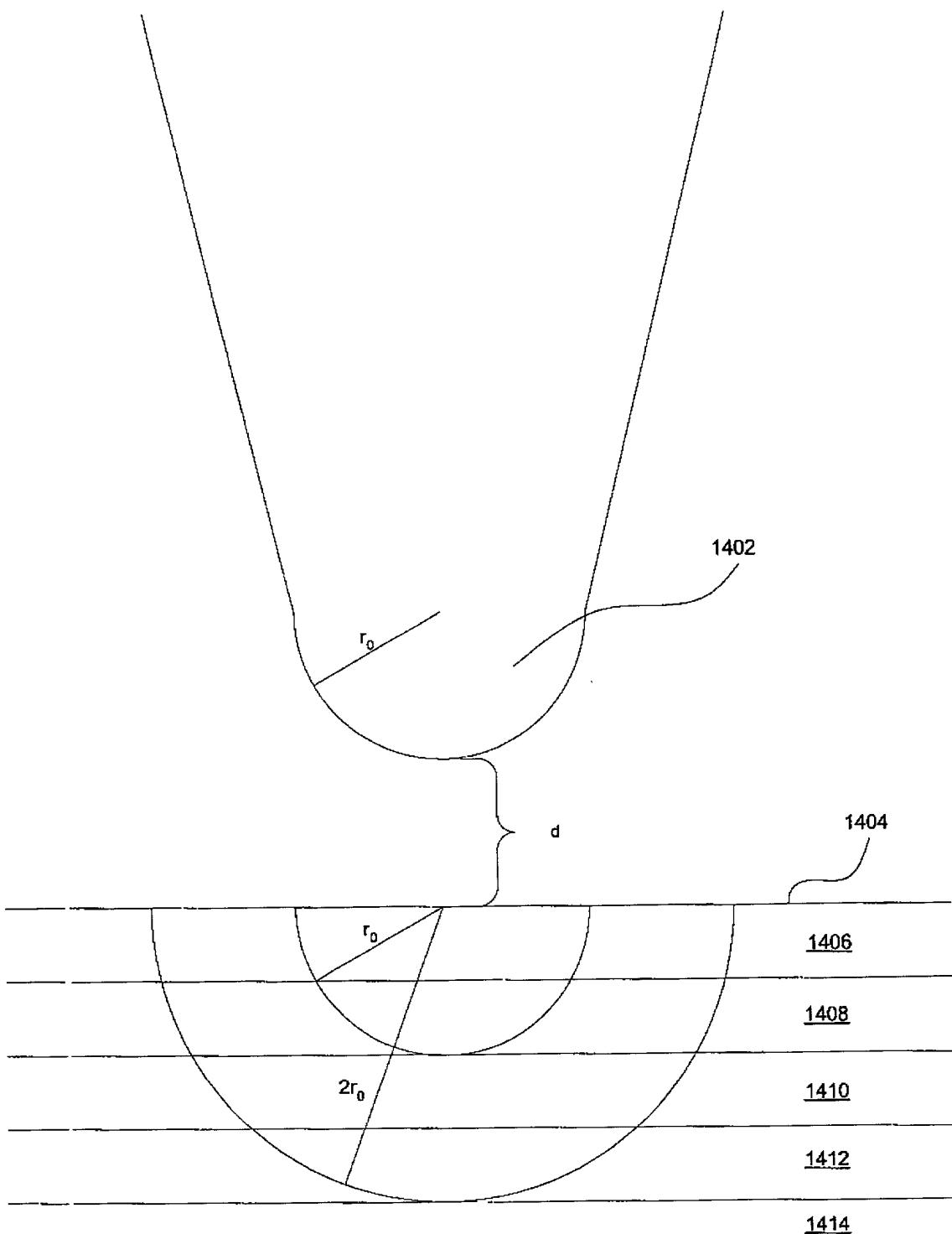
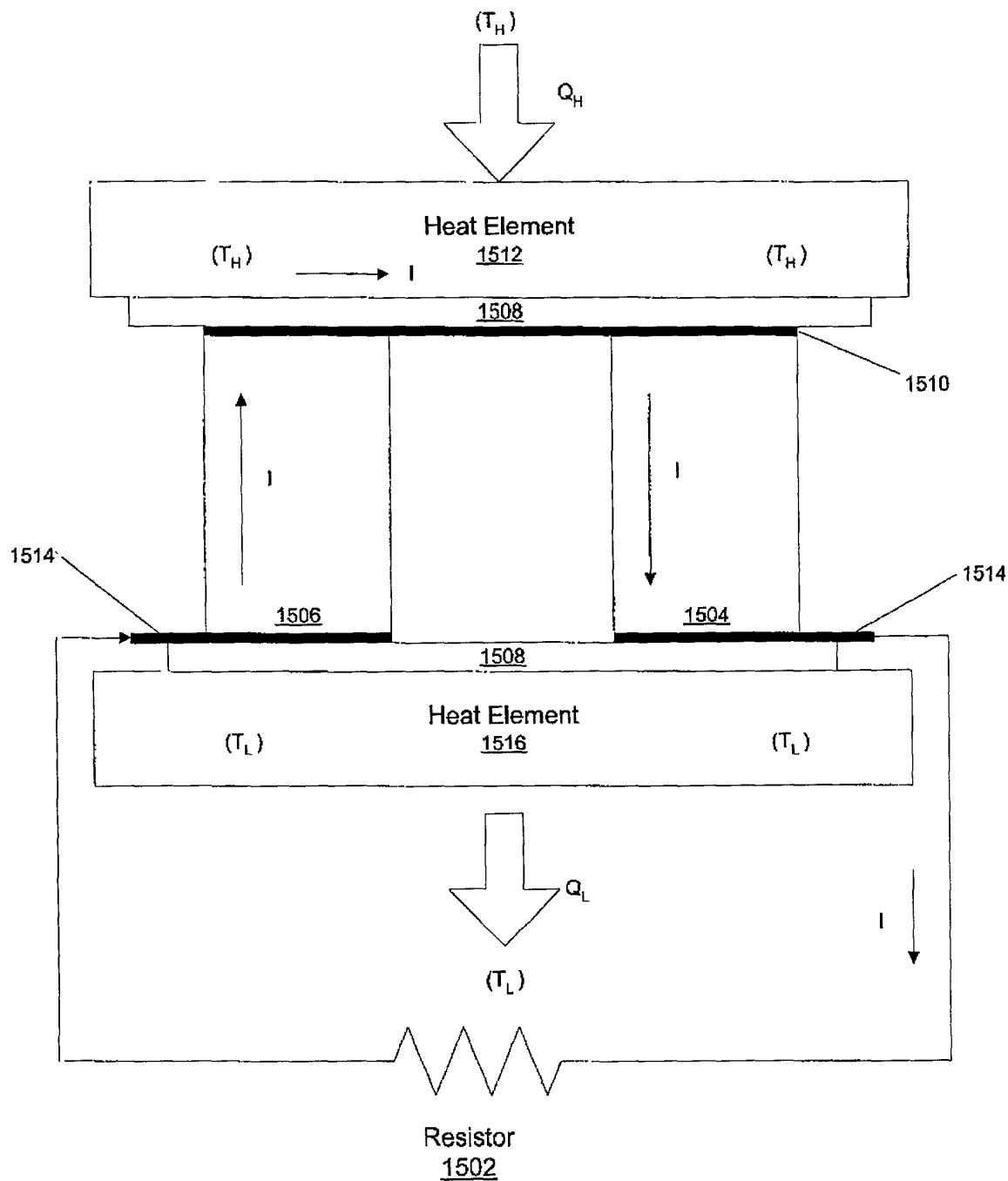


Figure 14

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 14 of 19



1500

Figure 15

Ghoshal
 AUS920010314US1
 Integrated Quantum Cold Point Coolers
 Page 15 of 19

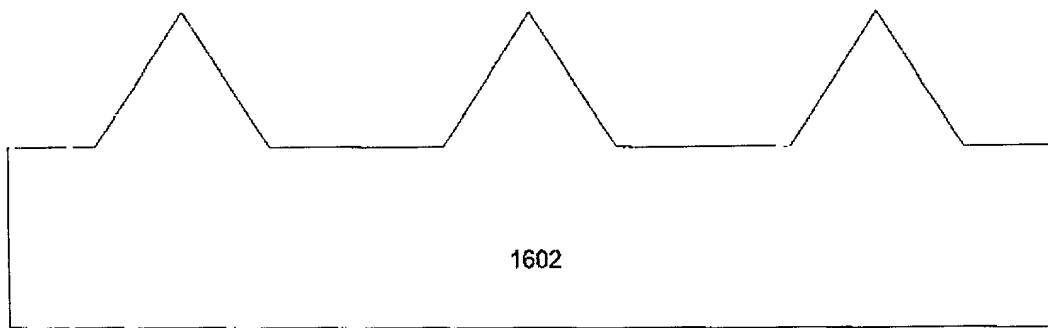


Figure 16A

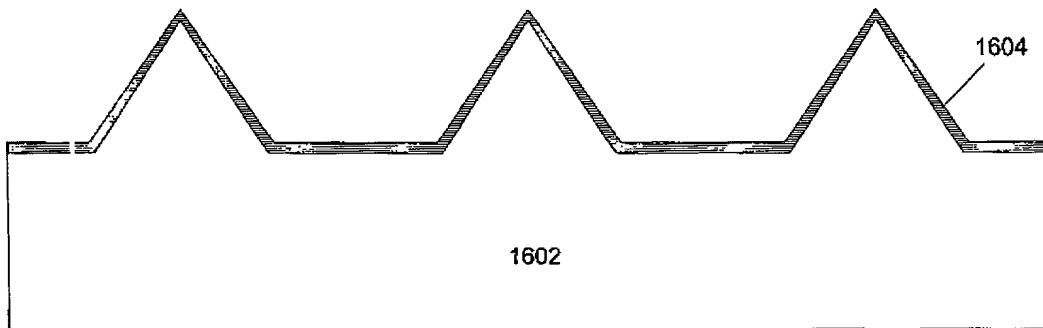


Figure 16B

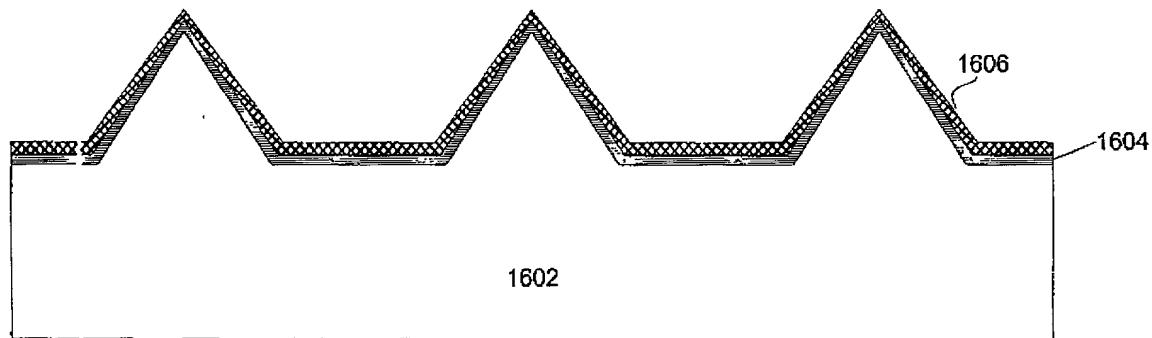


Figure 16C

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 16 of 19

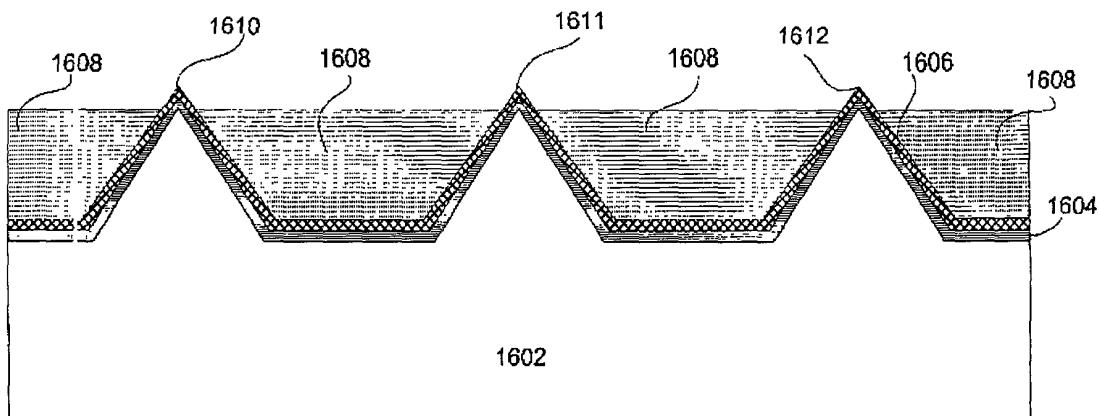


Figure 16D

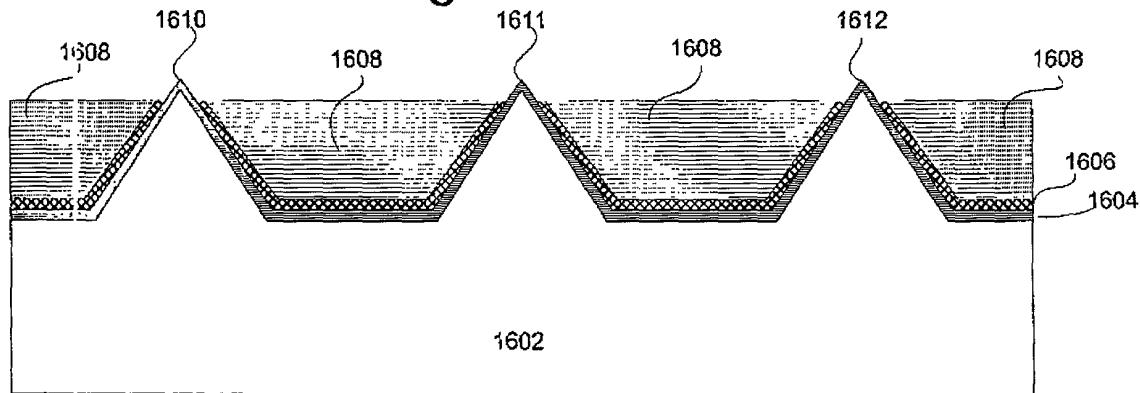


Figure 16E

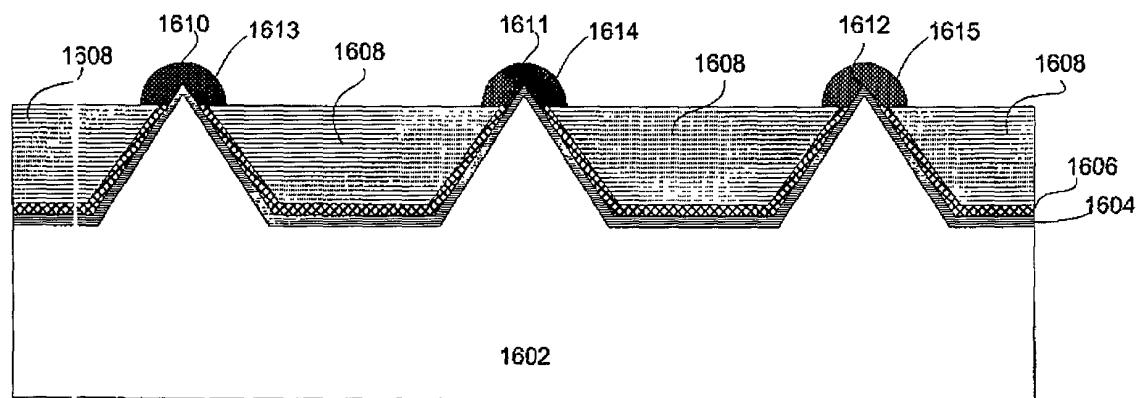


Figure 16F

Ghoshal
AU920010314US1
Integrated Quantum Cold Point Coolers
Page 17 of 19

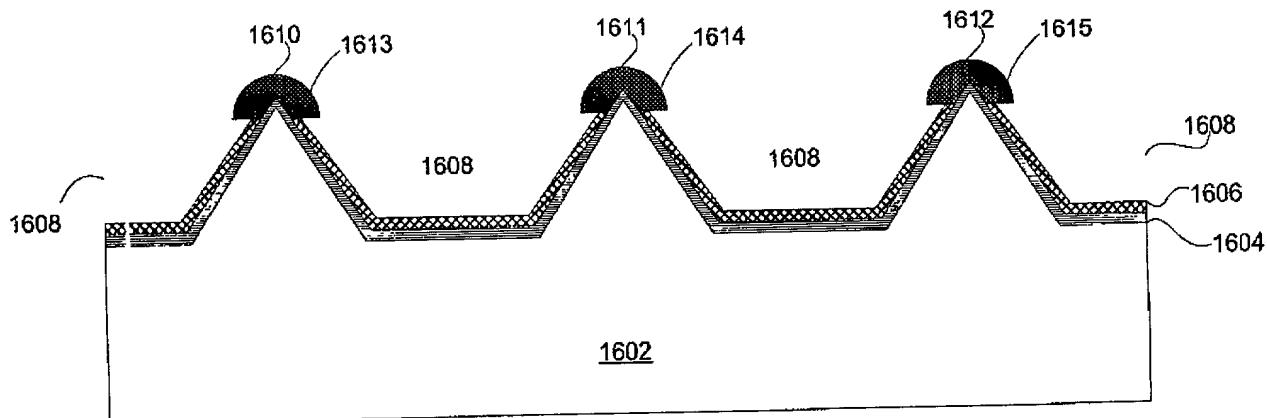


Figure 16G

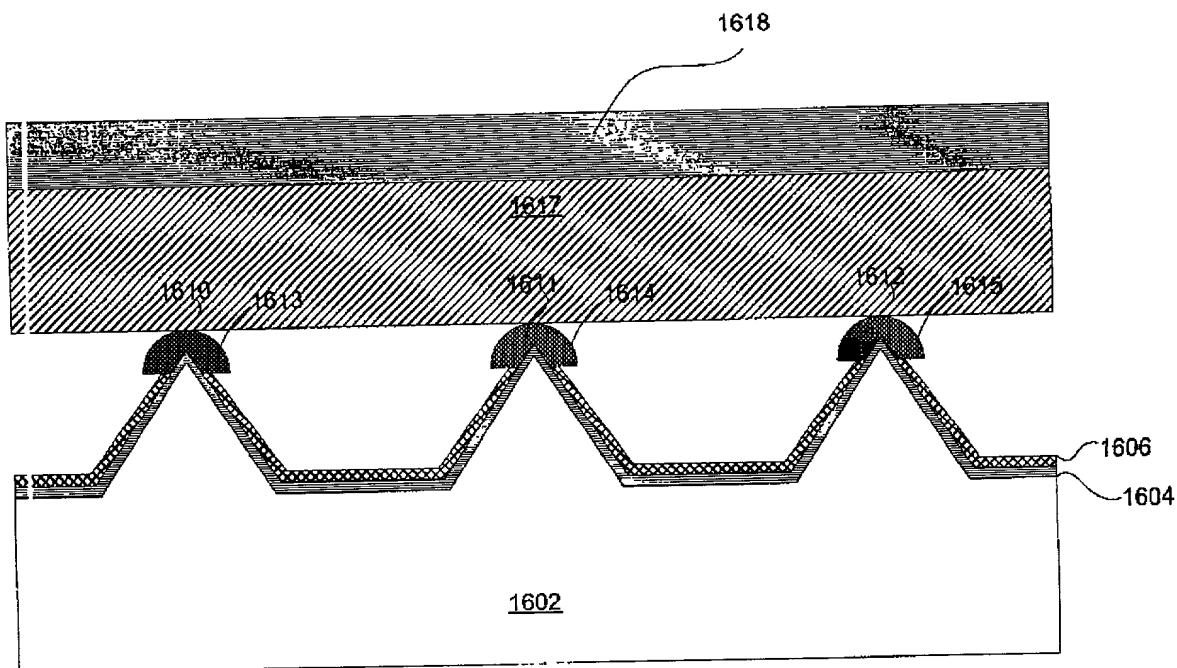


Figure 16H

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 18 of 19

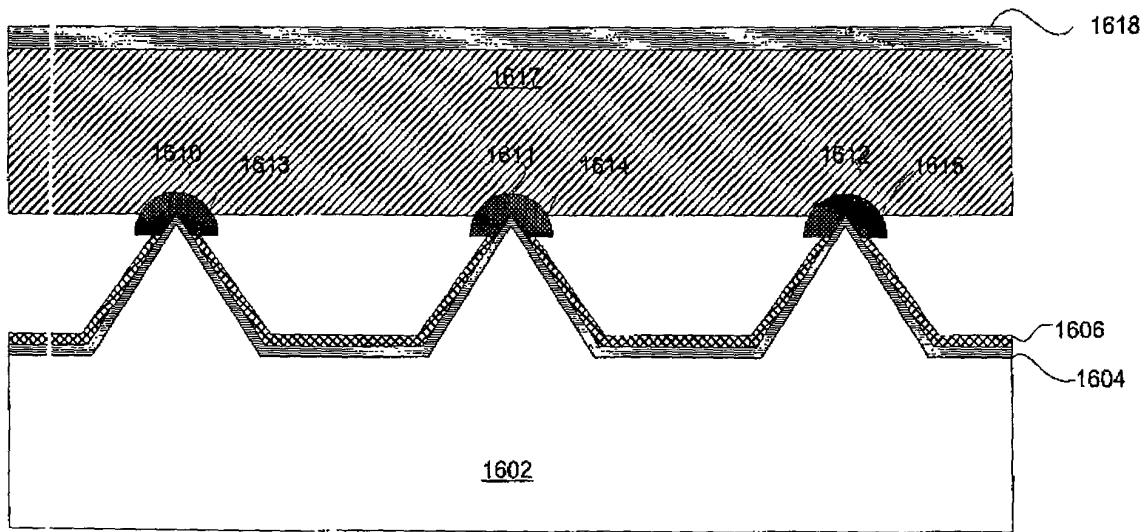


Figure 16I

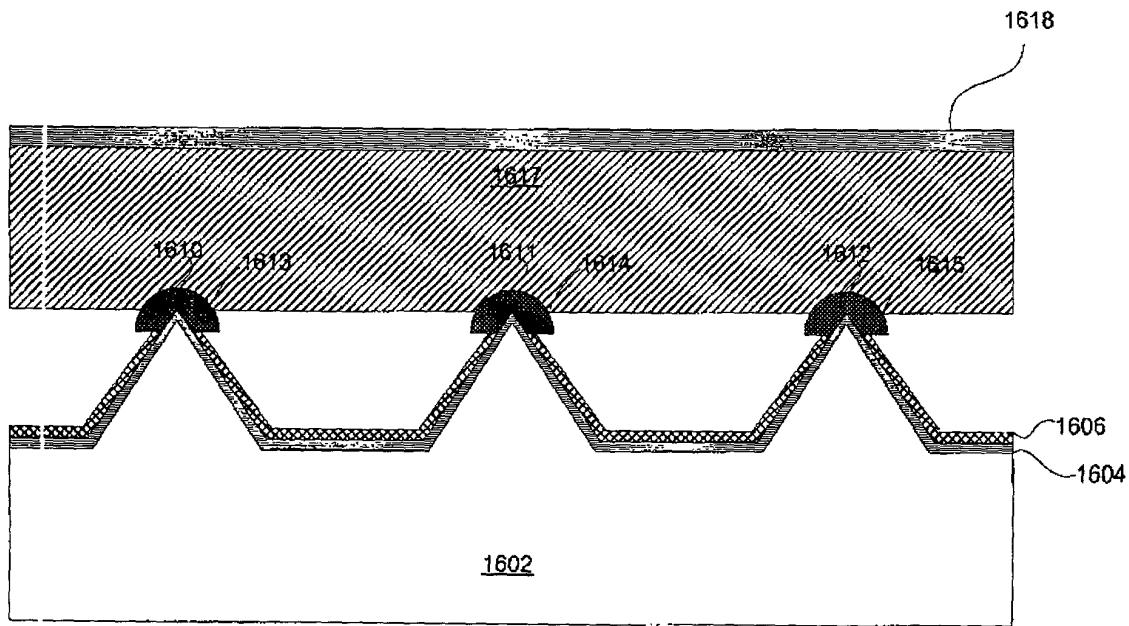


Figure 16J

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 19 of 19